

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: K. Uomori et al.
Filed: Herewith
Title: RANGE FINDER DEVICE AND CAMERA
TC/A.U.: 3662
Examiner: Brian K. Andrea
Confirmation No.:
Docket No.: MTS-3185US4

DIVISIONAL OF:

Appln. No: 10/420,256
Applicant: K. Uomori et al.
Filed: April 22, 2003
Title: RANGE FINDER DEVICE AND CAMERA
TC/A.U.: 3662
Examiner: Brian K. Andrea

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Under 37 C.F.R. § 1.98(d), copies of the patents and publications listed on the enclosed PTO Form 1449 are not required to be provided, because they were cited by or

submitted to the Patent and Trademark Office in prior application Serial No. 10/420,256, filed April 22, 2003, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Allan Rather, Reg. No. 19,717
Attorney for Applicants

AR/dlm

Enclosures: PTO Form 1449

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

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Kathleen Libby

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Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 4

C mplete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Kenya Uomori et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MTS-3185US4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US5,999,892	12/1999	Fan, Rodric C.	Entire Document
		US 6,346,980	02/2002	Tani et al.	Entire Document
		US 6,563,574	05/2003	Ohtomo et al.	Entire Document

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP 08-286100 (with English abstract)	11/01/96	CANON, INC.	Entire document.	<input type="checkbox"/>
		JP 61-84515	04/30/86		Entire document.	<input type="checkbox"/>
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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Kenya Uomori et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MTS-3185US4

SHEET 2 of 4

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Japanese Official Action dated June 3, 2003.	<input type="checkbox"/>
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE Information Disclosure Statement by Applicant (Use several sheets if necessary)	ATTY. DOCKET NO. MTS-3185US1	SERIAL NO To Be Assigned
	APPLICANT K. Uomori et al.	
	FILING DATE Herewith	GROUP To Be Assigned

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,485,002	01/16/96	Kusaka (corresponds to JP 10-68871)			
	4,908,648	03/13/90	Sawabe et al. (corresponds to JP 2-1514)			
	4,538,062	08/27/85	Shishido (corresponds to JP 58-121008)			
	4,594,001	06/1986	DiMatteo et al.			
	5,930,383	07/1999	Netzer, Yishay			
	6,040,910	03/2000	Wu et al.			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
	11-194018	07/21/99	Japan			X
	10-48336	02/20/98	Japan			X
	2-1514	01/05/90	Japan (corresponds to US Pat. No.			X
	59-218411	12/08/84	Japan			X
	10-68871	03/10/98	Japan (corresponds to US Pat. No.			X
	58-121008	07/19/83	Japan (corresponds to US Pat. No.			X
	5-45124	02/23/93	Japan			X
	4-136737	12/18/92	Japan			X
	3-164709	07/16/91	Japan			X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Japanese search report for PCT/JP99/02715 dated 08/03/99.
	2	English translation of Form PCT/ISA/210.

Examiner	Date Considered
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE Information Disclosure Statement by Applicant (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
	05-502720	05/13/93	Japan (with corresponding WO 91/08439)			
	WO 91/08439	06/13/91	PCT (w/English abstract and corresponding JP 05-502720)			X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	Official Action from JPO, with dispatch date April 2, 2002.
	2.	Carrihill and Hummel, "Experiments with the Intensity Ratio Depth Sensor", No. 32, pp. 337-358.

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.